

Inventor(s): SUZUKI et al.

Appln. No.: 09 273,256

Series Code ↑

Serial No. ↑

Filed: March 22, 1999

Hon. Commissioner of Patents  
Washington, D.C. 20231

Group Art Unit 2123

Examiner: Ronald I. Kavitsky

Atty. Dkt. P

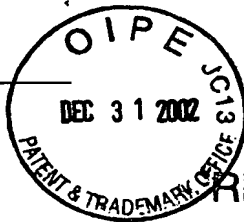
M#

258709

P1P98223US

Client Ref

Appln. Title: Apparatus and method for aiding programming



RECEIVED

JAN 03 2003

Sir:

**REPLY/AMENDMENT/LETTER**Date: December 31, 2002  
Technology Center 2100

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

**FEE REQUIREMENTS FOR CLAIMS AS AMENDED**

1. Small Entity claim A. <input checked="" type="checkbox"/> NOT made B. <input type="checkbox"/> Withdrawn C. <input type="checkbox"/> made herewith D. <input type="checkbox"/> made previously For B & C See <u>Required Separate Paper</u> (Pat-256)		Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims		21	**minus 21	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims		3	***minus 3	0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters <u>proper</u> multiple dependent claim(s) into this application for <u>first</u> time (leave blank if this is a <u>reissue</u> application) .....					add	+ \$280/\$140 =	+ \$0 104/204
5. <u>Original due Date:</u> October 31, 2002		<input type="checkbox"/> NONE					
6. <u>Petition is hereby made</u> to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo)	\$110/\$55 =				115/215
		(2 mos)	\$400/\$200 =	+ \$400			116/216
		(3 mos)	\$920/\$460 =				117/217
		(4 mos)	\$1,440/\$720 =				118/218
		(5 mos)	\$1,960/\$980 =				128/228
7. Enter any previous extension fee <u>paid</u> since above <u>original</u> due date and <u>subtract</u>					- \$0		
8. Extension Fee					+ \$400		
9. If <u>Terminal Disclaimer</u> attached, add Rule 20(d) official fee .....					+ \$110/\$55	+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c), .....					+ \$180	+ \$0	126
or if Rule 97(d) Request .....					+ \$180		126
11. After-Final Request Fee per rules 129(a) and 17(r) .....					+ \$740/370	+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b) .....					x \$740/370 ea	+ \$0	149/249
13. Request for Continued Examination (RCE) .....					+ \$740/370	+ \$0	1179/1279
14. Petition fee for .....					+ \$0		
15. TOTAL FEE =					<b>\$400</b>		
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".							
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.							
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.							
					<b>PLEASE CHARGE OUR DEP. ACCT</b>		

01/02/2003 CCHAU1 00000143 033975 09273256

01 FC:1252 400.00 CH

Our Deposit Account No. 03-3975)

(Our Order No. 60151 258709

C#

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
Intellectual Property Group

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**NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Suzuki et al.

Group Art Unit: 2123

Appln. No.: 09/273,256

Examiner: Ronald Kavitsky

Filed: March 22, 1999

FOR: APPARATUS AND METHOD FOR AIDING PROGRAMMING

\* \* \* \* \*

December 31, 2002

AMENDMENT

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

RECEIVED  
JAN 03 2003  
Technology Center 2100

Sir:

In response to the Office Action dated July 31, 2002 please amend the above-identified patent application as follows:

IN THE SPECIFICATION:

Please change the paragraph starting on page 43, line 26 to the following:

The machining navigation apparatus 2 according to the present invention is employed to aid the composition of a machining program PRO in a machining center 1. However, the present invention may also be applied to other types of machine tools, such as a lathe, an electric discharge machine, and a laser cutting machine to aid the composition of a machining program. In such cases, the contents and values of the